

MD (Anaesthesiology)
Title (Plan of Thesis)
(Session 2015-2018)

S.No.	Title (Plan of Thesis)
1.	To study the occurrence of postoperative hyponatremia in paediatric patients under 2 years of age
2.	Influence of timing of intravenous fluid therapy on maternal hemodynamics in patients undergoing caesarean section under subarachnoid block
3.	Study of Postoperative Pain Relief After Caesarean Delivery Under Subarachnoid Block
4.	Study of Preoperative Risk scores to predict outcome in neonates after surgery under general anaesthesia
5.	A study of modified Aldrete score and fast-track criteria for assessing recovery from general anaesthesia after laparoscopic surgery in adults
6.	Awareness during general anaesthesia in adult patients undergoing non-obstetric surgical procedures
7.	A study of microbiological outcomes of central venous catheterization in patients undergoing surgery
8.	A Prospective Observational Study of Neurological Complications following single shot Brachial Plexus Block
9.	Postoperative morbidity in patients with pre-existing cardiovascular disease undergoing elective surgeries under anaesthesia
10.	To study the occurrence of postoperative nausea and vomiting in patients after anaesthesia

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11.	Comparative evaluation of efficacy of magnesium sulphate and ketamine gargles on prevention of post-operative sore throat following Proseal laryngeal mask airway insertion
12.	Spring loaded syringe versus standard loss of resistance syringe for identification of lumbar epidural space
13.	Fibreoptic evaluation of oropharyngeal airway placement in anaesthetised adult patients
14.	Comparative evaluation of magnesium sulphate and fentanyl on intubating conditions during awake nasotracheal fiberoptic intubation
15.	Effect of semi-sitting position on airway clearance obtained by jaw thrust manoeuvre during oral fiberoptic guided intubation
16.	Comparative evaluation of three supraglottic airway devices: Intubating Laryngeal Mask Airway (ILMA), I-GEL and Ambu Auragain for Blind Tracheal Intubation in adults
17.	To compare the efficacy of two different doses of glycopyrrolate pretreatment on hemodynamic changes associated with phenylephrine infusion used for prevention of hypotension during caesarean section under spinal anaesthesia
18.	Comparison of the effect of perioperative infusion of lidocaine versus dexmedetomidine on postoperative pain and recovery in patients undergoing laparoscopic cholecystectomy
19.	To evaluate the effect of intraoperative dexmedetomidine on emergence agitation in patients undergoing nasal and pharyngeal surgery
20.	Evaluation of anterior neck soft tissue thickness at two different levels by ultrasonography for prediction of difficult laryngoscopy in obese patients

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21.	Efficacy of phenylephrine to prevent haemodynamic responses of oxytocin during elective caesarean section - a randomized double-blind, controlled trial
22.	A randomized control study on efficacy of pulsed radiofrequency lesioning of thoracic paravertebral nerves for pain management in thoracic post herpetic neuralgia and expression of MicroRNA-133b
23.	Effect of change in flow rates of driving oxygen on the device output and effective FiO ₂ obtained using drug nebulizer or venturi valves with masks for oxygen therapy in the postoperative patients - a Descriptive Pilot Study
24.	Effect of low dose of dexmedetomidine and sevoflurane on haemodynamic parameters during pneumoperitoneum in patients undergoing laparoscopic cholecystectomy A randomized double blind control study
25.	A randomized-controlled study on evaluation of yogic intervention along with an integrated multimodal approach using pregabalin and thoracic paravertebral block on post mastectomy pain syndrome and expression of micro-RNA 133B - A pilot study
26.	Early postoperative acute kidney injury: Effect of intraoperative tetrahydrodextran versus ringer's lactate - A randomised controlled trial
27.	Comparison of nalbuphine versus fentanyl as an intrathecal adjuvant to hyperbaric bupivacaine in orthopaedic lower limb surgeries Randomized double blind controlled study
28.	Acute Kidney Injury in Critically ill Obstetric Patients: epidemiology and Role of Urinary Biomarkers - A Prospective Cohort Study
29.	Comparison of fentanyl and nalbuphine on intubating conditions and haemodynamic responses during awake fiberoptic intubation- A Randomized double blind controlled study

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30.	Effect of intravenous ondansetron with crystalloid and colloid coloadng on subarachnoid block induced hypotension and bradycardia in patients of cesarean section
31.	Effect of dexmedetomidine as an adjuvant to isobaric ropivacaine in patients undergoing surgeries for fracture neck of femur under subarachnoid block: A randomized controlled study
32.	Comparative study of dexmedetomidine and fentanyl as adjuvant to bupivacaine in spinal anaesthesia in elderly patient undergoing for total knee replacement surgery
33.	Influence of Ketamine on early postoperative cognitive recovery in patients undergoing oocyte retrieval under procedural sedation with Propofol and Fentanyl
34.	A Randomized trial comparing the efficacy and safety of the Laryngeal Tube Suction-D (LTS-D™) with I-GEL™ in anaesthetised and non-paralysed gynaecology patients undergoing hysteroscopic procedures
35.	Incidence of Deep Vein Thrombosis and compliance to DVT prevention protocols in ICU in tertiary care hospital and identification of associated risk factors
36.	Intrathecal dexmedetomidine, fentanyl and dexmedetomidine-fentanyl for labor analgesia : randomized comparative study
37.	Prevention of Shivering during Spinal anaesthesia. A comparative study: Prophylactic intravenous Ketamine, Ondansetron and Pethidine in preventing intraoperative/perioperative shivering in patients undergoing elective knee replacement surgery under spinal anaesthesia
38.	Comparative evaluation of high flow nasal cannula vs nasal cpap in post operative pediatric cardiac surgical patients

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39.	Comparative evaluation of dexmedetomidine and paracetamol on perioperative hemodynamics, sedation and postoperative analgesia for patients undergoing laparoscopic cholecystectomy
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